



**OPTIMUM POLYMER TECHNOLOGIES, INC.**  
**GHS SAFETY DATA SHEET**

**Section 1: Identification**

Product Name: Ceramic Clear Coat Resin Product Code: 412

Trade Name: Optimum Ceramic Coating

Manufacturer/Supplier:

Optimum Polymer Technologies, Inc.  
4130 Senator Street  
Memphis, TN 38118  
Tel: 1 (901) 363-4955  
Fax: 1 (901) 363-4956

Email: [info@optimumcarcare.com](mailto:info@optimumcarcare.com)

Adres:  
Optimum Car Care  
Opaalstraat 10  
7554 TS  
Hengelo (OV) Nederland

Emergency Telephone Number:

24 Hour Emergency Assistance: (901) 292-4324

CHEMTREC Customer Service  
1-800-262-8200 (within the U.S.)  
+1 703-741-5500 (US or Canada)  
[chemtrec@chemtrec.com](mailto:chemtrec@chemtrec.com)  
[www.chemtrec.com](http://www.chemtrec.com)

Telefoon:  
+31(0)743577679  
[Info@Optimumcarcare.NL](mailto:Info@Optimumcarcare.NL)

Emergency Telephone Number:  
Nationaal Advies Orgaan/ Vergiftigings Centrum: 030-274 88 88  
Uitsluitend voor professionele Hulpverleners. Open 24/7

Product Use: For Automotive Use Only  
Not recommended for: Non-Automotive Applications

**Section 2: Hazards Identification**

**OSHA Hazards**

No known OSHA hazards

**GHS Ratings:**

Flammable liquid	2	Flash point < 23°C and initial boiling point > 35°C (95°F)
Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3
Eye corrosive	2B	Mild eye irritant: Subcategory 2B, Reversible in 7 days

**GHS label elements including precautionary Statements**

**GHS Hazards**

H225 Highly flammable liquid and vapour  
 H316 Causes mild skin irritation  
 H320 Causes eye irritation

**GHS Precautions**

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking  
 P233 Keep container tightly closed  
 P240 Ground/bond container and receiving equipment  
 P241 Use explosion-proof electrical/ventilating/light/.../equipment  
 P242 Use only non-sparking tools  
 P243 Take precautionary measures against static discharge  
 P280 Wear protective gloves/protective clothing/eye protection/face protection  
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
 P332+P313 If skin irritation occurs: Get medical advice/attention  
 P337+P313 If eye irritation persists, get medical advice/attention  
 P403+P235 Store in a well ventilated place. Keep cool



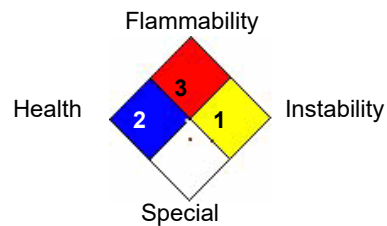
Signal Word: Danger

**Hazardous Material Information System (HMIS)**

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	1
PERSONAL PROTECTION	B

HMIS & NFPA Hazard Rating Legend  
 \* = Chronic Health Hazard  
 0 = INSIGNIFICANT  
 1 = SLIGHT  
 2 = MODERATE  
 3 = HIGH

**National Fire Protection Association (NFPA)**



Inhalation      Skin Contact      Eye Contact      Ingestion

**Effects of Overexposure**

None known.

**Section 3: Composition/ Information on Ingredients**

Chemical Name	CAS Number	Concentration
Alkyl siloxane	Proprietary5	-
Ceramic clear coat resin	Proprietary6	-

#### Section 4: First Aid Measures

##### Inhalation:

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

##### Eye Contact:

In case of eye contact, rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if irritation persists.

##### Skin Contact:

In case of skin contact, wash off immediately with soap and water. Consult a physician if irritation persists.

##### Ingestion:

Never give anything by mouth to an unconscious person. Drink plenty of water. Consult a physician.

##### Notes to Physician

Read the entire safety data sheet.

#### Section 5: Fire Fighting Measures

LEL: N/A

UEL: N/A

##### Conditions of Flammability

Flammable liquid. Keep away from sources of ignition.

##### Extinguishing Media

Use Foam, carbon dioxide foam, or dry chemical

##### Unsuitable Extinguishing Media

Water

##### Unusual Fire or Explosion Hazards:

None known.

##### Hazardous Combustion Products:

Nitrogen oxides (NO<sub>x</sub>), carbon monoxide, carbon dioxide

##### Fire Fighting Equipment

Wear self contained breathing apparatus for fire fighting if necessary

##### Special Protective Equipment For Firefighters

Well closed full protective clothing (coat and pants) including helmet.

Use self-contained breathing apparatus.

#### Section 6: Accidental Release Measures

##### Personal Precautions

Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation exists.

##### Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Contact local and state authorities if spill enters open waters.

##### Small spills

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable closed container for disposal.

##### Large Spills

Use dykes to contain the spill. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Contact local and state authorities if spill enters open waters.

**Section 7: Handling and Storage**

Follow label directions for proper usage and SDS for safe handling and storage

**Handling Precautions**

Avoid contact with eyes or skin. Do not breath vapors or spray mist. Areas of storage, preparations, and application should be well ventilated. Do not smoke, eat, or drink when using this product.

**Storage Requirements**

Store between 5C and 40C. Keep container tightly closed in a dry well ventilated area away from sources of flame, heat, and direct sunlight

**Section 8: Exposure Controls/ Personal Protection**

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Alkyl siloxane Proprietary5	Not Determined	Not Determined	Not Determined
Ceramic clear coat resin Proprietary6	Not Determined	Not Determined	Not Determined

**Control Parameters:**

This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Ventilation**

Use adequate ventilation.

**Protective Gear**

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

**Protection of Hands:**

Wear chemical resistant gloves such as North Silver Shields(R) or Viton(R). For limited use, PVC or nitrile gloves may be worn. Silver Shield is a registered trademark of Siebe North, Inc. Viton is a redistered trademark of E. I. Dupont deNemours and Company, Inc.

**Respiratory Protection**

Use combination filter A2 B2 E2 K2 Hg/P3, to standard DIN EN 371/372

**Body protection**

Protective overalls, antistatic

Protective clothing Category 3, type 3 - liquid-tight

**Contaminated Gear**

Remove contaminated clothing. Thoroughly wash contaminated clothing before reuse.

**Section 9: Physical and Chemical Properties**

<b>Boiling Point</b> 90 °C, 194 °F	<b>% Volume Volatile</b> 90.16
<b>Specific Gravity (SG)</b> 0.952	<b>Lbs VOC/Gallon Less Water</b> 0.00

**Section 10: Stability and Reactivity**

Follow label directions for proper usage.

**Stability**

The material can slowly hydrolyze in the presence of water to form hydrogen and ammonia gases

**Materials to avoid:**

Oxidizing agents, bases, acids, Halogenated compounds

**Reactivity**

The material can slowly hydrolyze in the presence of water to form hydrogen and ammonia gases

**Hazardous Decomposition:**

None if used for intended purpose

**Hazardous Decomposition Products:**

Hydrogen, ammonia.

**Conditions to avoid**

Avoid freezing and temperatures over 40 C

Hazardous polymerization will not occur.

**Section 11: Toxicology Information**

**Mixture Toxicity:** Not Known

**Component Toxicity:**

Alkyl siloxane

Ceramic clear coat resin

**Acute toxicity****Oral LD50**

No data available

**Inhalation LC50**

No data available

**Dermal LD50**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Carcinogenicity**

**IARC:** No known component of this product is identified as probable, possible, or confirmed human carcinogen by IARC

**ACGIH:** No component of this product is identified as probable, possible, or confirmed human carcinogen by ACGIH

**NTP:** No component of this product is identified as probable, possible, or confirmed human carcinogen by NTP

**OSHA:** No component of this product is identified as probable, possible, or confirmed human carcinogen by OSHA

**Section 12: Ecological Information**

**Biodegradability**

No relevant information is available.

**Persistence and degradability:**

No relevant information is available.

**Bioaccumulative potential:**

No relevant information is available.

**Mobility in soil:**

No relevant information is available.

**Other adverse effects:**

None known.

<b>Section 13: Disposal Considerations</b>
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**Method of disposal:**

Dispose according to local and regional regulations for waste disposal.

<b>Section 14: Transportation Information</b>
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**Marine pollutant:**

No

**Transport in bulk (according to Annex II of Marpol 73/78 and IBC Code):**

Not applicable

**Special requirements for user:**

Follow handling guidelines in Section 7.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
ADR	Flammable Liquid	1263	III	3
DOT (US)	Flammable Liquid	1263	III	3
IATA	Flammable Liquid	1263	III	3
IMDG	Flammable Liquid	1263	III	3

<b>Section 15: Regulatory Information</b>
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**California**

This product contains no chemicals listed by the state of California under the safe drinking water and toxic enforcement act of 1986 (Proposition 65) as being known to cause cancer, birth defects, or other reproductive harm .

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
USA	California Proposition 65	No
USA	CERCLA	No
USA	EPA/ TSCA Inventory	No
USA	Sara 311/312	No
USA	Sara 313 Components	No
USA	Sara 302	No
USA	SARA 304	No

### **EU Risk Phrases**

R10: Flammable  
R22: Harmful if swallowed  
R36: Irritating to eyes  
R38: Irritating to skin

### **Safety Phrase**

S16: Keep away from sources of ignition - No smoking  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S39: Wear eye/face protection  
S64: If swallowed, rinse mouth with water (only if the person is conscious)



### **TSCA**

The components of this product are included on or exempted from listing on TSCA inventory of chemical substances.

### **Section 16: Other Information**

**Department Issuing Safety Data Sheet:** Safety Department  
**Contact:** davidg@optimumcarcare.com

**ACGIH:** American Conference of Governmental Industrial Hygienists

**CAS:** Chemical Abstracts Service Registry Number

**DOT:** Department of Transportation

**EPA:** Environmental Protection Agency

**IARC:** International Agency for Research on Cancer

**IATA:** International Air Transport Association

**IMDG:** International Maritime Dangerous Goods

**NTP:** National Toxicology Program

**OSHA:** Occupational Safety Health Administration

**PEL:** Permissible Exposure Limit (OSHA)

**TSCA:** Toxic Substance Control Act

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Reviewer Revision

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